

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	248	252/606.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 12:32
L3	40	l2 and clay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 12:32
L4	4	l2 and clay with melamine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 12:32
L5	2756	524/445,120.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 12:32
L6	245	L5 and triazine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 12:33
L7	12	L5 and triazine same (clay or silicate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 12:33
S1	1	10/533579	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 12:18
S2	372	clay same triazine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 12:19
S3	7	clay same triazine same intercalat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 12:19

S4	2	clay.ti. and triazine same intercalat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 12:20
S5	1	triazine same intercalat\$5 same onium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 12:22
S6	442	intercalat\$5 same onium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 12:22
S7	49	intercalat\$5 same onium and melamine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 12:23
S8	49	intercalat\$5 same onium and melamine and (clay or nanoclay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 12:23
S9	0	intercalat\$5 same onium same melamine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 12:26
S10	0	( clay or nanao\$1clay) with fire10/533579	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:41
S11	3956	( clay or nanao\$1clay) with fire	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:41
S12	314	( clay or nanao\$1clay) with fire and melamine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 15:57
S13	6	intercalat\$5 same (onium and melamine )and (clay or nanoclay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 16:03

S14	61	("3432370"   "3511725"   "3847726"   "4376729"   "4889885"   "5032546"   "5202295"   "5527871"   "5552469"   "5698624"   "5726113"   "5747560"   "5760106"   "5760121"). PN. OR ("5853886").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/27 16:15
S15	0	10/533579 and neutral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 16:26
S16	1	10/533579 and neutral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 16:27
S17	2	us-20040183054-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 16:37
S18	2	us-20040183051-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 16:38
S19	0	intercalat\$5 same onium and melamine and (clay or nanoclay)	USOCR	OR	ON	2009/11/27 17:04
S20	2	( intercalat\$5 or expand\$4) same onium and melamine and (clay or nanoclay)	USOCR	OR	ON	2009/11/27 17:05
S21	256	intercalat\$5 with neutral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/27 17:48
S22	18	("20030022963"   "20040132894"   "4138375"   "4252918"   "5162445"   "5385776"   "5576372"   "5576373"   "5665183"   "5698640"   "5807629"   "5883173"   "5936023"   "5973053"   "6034164"   "6060549"   "6103817"   "6828367"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/27 17:50
S23	0	S22 and melamine and (clay or nanoclay)	USOCR	OR	ON	2009/11/27 17:51

S24	1	us-20030209699-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 10:34
S25	1	("2003/0209699").URPN.	USPAT	OR	ON	2009/12/02 10:35
S26	2	10/453108	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 10:46
S27	11	("3293327"   "3633675"   "4341694"   "4454064"   "4992481"   "5204393"   "5237085"   "5973041"   "6228912").PN. OR ("6905693").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 10:46
S28	85610	(flame or fire) with ( resistance or retard\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 10:48
S29	122	(flame or fire) with ( resistance or retard\$4) same phyllosilicate	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 10:49
S30	79	(flame or fire) with ( resistance or retard\$4) same phyllosilicate and melamine	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 10:49
S31	1	"5204393".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 10:54
S32	1	10/533579	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 11:14
S33	251	melamine and (nanoclay or clay or nanocomposite). ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 12:41
S34	8	melamine and (nanoclay or clay or nanocomposite). ti. and hydrochloride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 12:42

S35	24	melamine same (nanoclay or clay or nanocomposite) same hydrochloride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/02 12:49
S36	2	us-20090317627-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/03 12:20
S37	2	us-20040183051-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/03 13:52
S38	2	"4857226".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/03 13:57
S39	262	ogawa with hideaki	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/03 14:14
S40	4	ogawa with hideaki and clay.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/03 14:15
S41	14	ogawa with hideaki and melamine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/03 14:15
S42	14	ogawa with hideaki and melamine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/03 14:22
S43	0	ogawa with hideaki and melamine and silane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/03 14:22
S44	1826	clay with silane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/03 14:24

S45	0	clay with silane same isocyanuric adj acid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/03 14:24
S46	23	clay same isocyanuric adj acid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/03 14:24
S47	2	"4874728".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/03 14:47
S48	0	melamine with triazine same cyanurate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 13:53
S49	425	melamine with triazine same cyanurate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 13:53
S50	133	melamine with triazine same cyanurate and clay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 13:53
S51	3	melamine with triazine same cyanurate same intercal\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 13:53
S52	16	melamine same cyanurate same intercal\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 14:13
S53	17	melamine same cyanurate same intercal\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 14:15

S54	12	("20020155348"   "20030108700"   "20040059035"   "5180767"   "5204393"   "5643999"   "5834535"   "6184269"   "6232377"   "6528558"   "6599963"   "6632442").PN. OR ("7378463").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:15
S55	5	S54 and clay	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:16
S56	3	S54 and aspect adj ratio	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:16
S57	16	("3293327"   "3633675"   "4341694"   "4454064"   "4992481"   "5204393"   "5237085"   "5973041"   "6228912").PN. OR ("6632442").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:19
S58	5	S57 and clay	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:19
S59	0	S58 and silane	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:19
S60	17	(Intumescent or Fire ).ti. and clay with silane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 14:20
S61	1	us-20030209699-\$.did.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:55
S62	1	us-20030209699-\$.did. and aspect adj ratio	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:55
S63	212	("3293327"   "3633675"   "4341694"   "4400485"   "4431755"   "4434075"   "4454064"   "4467077"   "4560715"   "4739007"   "4775586"   "4789403"   "4798766"   "4801639"   "4806162"   "4810565"   "4839412"   "4851463"   "4992481"   "5204393"   "5237085"   "5260111"   "5407989"   "5468550"   "5569516"   "5973041"   "6228912").PN. OR ("4889885"   "6632442"   "6632509").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:56
S64	183	S63 and clay	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:56
S65	144	S63 and clay and ammonium	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:56

S66	30	S63 and clay and ammonium and melamine	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:56
S67	11	S63 and clay and ammonium same melamine	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:57
S68	2	S63 and clay same ammonium same melamine	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:57
S69	3	S63 and clay same melamine and ammonium	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:58
S70	1	S63 and clay same cyanurate and ammonium	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:59
S71	0	us-20030209699-\$.did. and amphiphilic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 16:31
S72	31	(Intumescent or Fire ).clm. and clay with silane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 17:15
S73	2	"4472538".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 17:17
S74	100	("2859198"   "3236802"   "3328231"   "3471435"   "4233366"   "4241138"   "4251576").PN. OR ("4472538").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 17:20
S75	100	("2859198"   "3236802"   "3328231"   "3471435"   "4233366"   "4241138"   "4251576").PN. OR ("4472538").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 08:55
S76	66	S75 and silane	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 08:55
S77	13	S75 and silane with clay	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 08:55



S78	135	("2035546"   "3419460"   "3419517"   "3515626"   "3773708"   "3795650"   "3912532"   "3929678"   "3929849"   "4053493"   "4125411"   "4136103"   "4210572"   "4251576"   "4400485"   "4431755"   "4434075"   "4472538"   "4500670"   "4546126"   "4546145"   "4600744"   "4613542"   "4624982"   "4676929"   "4739007"   "4777206"   "4789403"   "4798766"   "4810734"   "4842651"   "4849006"   "4851021"   "4874728"   "4875762"   "4889885"   "4894411"   "4920171"   "4956121"   "5028351"   "5032546"   "5032547"   "5091462"   "5102948"   "5164440"   "5164460"   "5204078"   "5206284"   "5229451"   "5248720"   "5326500"   "5340558"   "5385776"   "5391437"   "5414042"   "5428094"   "5506046"   "5508072"   "5514734"   "5552469"   "5554670"   "5571851"   "5578672"   "5659034"   "5667886"   "5698624"   "5721306"   "5730996"   "5747403"   "5747560"   "5760106"   "5760121"   "5766751"   "5801216"   "5804613"   "5824226"   "5830528"   "5837763"   "5844032"   "5849830"   "5853886"   "5871846"   "5877248"   "5880197"   "5910523"   "5952095"   "5955094"   "5981029"   "5994445"   "5998528"   "6034163"   "6050509"   "6057396"   "6071988"   "6083559"   "6084019"   "6090734"   "6124365"   "6126734"   "6225394"). PN. OR ("6407155").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 09:00
S79	34	S78 and silane with ( clay or silicate or polysilicate)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 09:01
S80	17	S78 and silane with ( clay or silicate or polysilicate) and (Intumescent or Fire )	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 09:03

S81	7	S78 and silane with ( clay or silicate or polysilicate) and (Intumescent or Fire ) and melamine	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 09:03
S82	366	polypropylene and silane with ( clay or silicate or polysilicate) and (Intumescent or Fire )	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 09:45
S83	30	polypropylene and silane with ( clay or silicate or polysilicate) and (Intumescent or Fire ).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 09:45
S84	30	polypropylene and silane with ( clay or silicate or polysilicate) and (Intumescent or Fire ).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 09:46
S85	63	silane with ( clay or silicate or polysilicate) and (Intumescent or Fire ).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 09:47
S86	211	( clay or silicate or polysilicate) same ammonium same melamine and silane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 10:04
S87	104	( clay or silicate or polysilicate) same ammonium same melamine and silane and (Intumescent or Fire )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 10:05
S88	0	( clay or silicate or polysilicate) same ammonium same melamine and silane and (Intumescent or Fire ) and clay.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 10:07
S89	17	( clay or silicate or polysilicate) same ammonium same melamine same ( expand \$3 or intercala\$3 or modif \$4or treated) and silane and (Intumescent or Fire )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 10:07

S90	0	( clay or silicate or polysilicate) same ammonium same melamine same ( expand \$3 or intercala\$3 or modif \$4 or treated) same organoclay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 10:10
S91	1	( clay or silicate or polysilicate organo\$7clay) same ammonium same melamine same ( expand \$3 or intercala\$3 or modif \$4 or treated) same organoclay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 10:11
S92	214	( clay or silicate or polysilicate organo\$7clay) same ammonium same melamine same ( expand \$3 or intercala\$3 or modif \$4 or treated)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 10:11
S93	5	( clay or silicate or polysilicate organo\$7clay) same ammonium same melamine same ( expand \$3 or intercala\$3 or modif \$4 or treated).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 10:11
S94	5	( clay or silicate or polysilicate organo\$7clay) same (onium ammonium ) same melamine same ( expand\$3 or intercala\$3 or modif\$4 or treated).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 10:12
S95	795	( clay or silicate or polysilicate organo\$7clay) same (onium ammonium ) same melamine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 10:12
S96	59	( clay or silicate or polysilicate organo\$7clay) same (onium ammonium ) same melamine.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/07 10:12
S97	4	(flame or fire) with ( resistance or retard\$4) same phyllosilicate and thickness same ( silicat or phyllosilicate) with layer	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 14:17
S98	16	thickness same ( silicat or phyllosilicate) with layer and (Intumescent or Fire )	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 14:20
S99	361	thickness same ( silicatE or phyllosilicate) with layer and (Intumescent or Fire )	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 14:20

S100	39	thickness same ( silicatE or phyllosilicate) with layer and (Intumescent or Fire ) AND ASPECT ADJ RATIO	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 14:20
S101	1	"6605655".pn. and cyanu \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 09:01
S102	26	( trazine or cyanur\$4) same ( caly or polysilicate or phyllosilicate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 09:05
S103	2	"6242500".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 09:13
S104	1	"5770644".pn. and thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 09:16
S105	1	"6632442".pn. and thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 09:33
S106	1	"6632442".pn. and thick	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 09:33
S107	1	10/533579 and compatibility	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 09:53
S108	1	10/533579 and amphiphilic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 09:55

S109	2	"5770644".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 10:32
S110	2	"6156835".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 10:47
S111	2	"4889888".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 10:50

5/ 8/ 2010 12:33:59 PM

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